	UNIT WEIGH	ITS,	VOID RATIO, POF (DISPLACEI			EE OF SATU	JRATION	
					D.	. T.F		
PRO.	JECT				DF	ATE		
	NG NO.							
			Wat	er Content				
SAMPLE OR SPECIMEN NO.								
TARE NO								
Weight in grams	TARE PLUS WET SOIL							
	TARE PLUS DRY SOIL							
	WATER	W w						
	TARE	vv						
	DRY SOIL	W S						
Wate	r content	w						
WEIGHT-VOLUME RELATIONS								
SAMPLE OR SPECIMEN NO.								
TEST TEMPERATURE OF WATER, T.C								
WEIGHT IN GRAMS	SOIL AND WAX IN AIR							
	WET SOIL	w						
	WAX							
	WET SOIL AND WAX IN WATER							
	DRY SOIL 1	W S						
SPECIFIC GRAVITT OF SOIL		G S						
	WET SOIL AND WAX WAX WET SOIL DRY SOIL = W _S / G _S V s							
	WAX							
	WET SOIL	٧						
		V S						
LB PER CU FT	WET UNIT WT = (W/V) 62.4	Y m						
		Y d						
$VOID RATIO = (V - V_S)/V_S$		е						
POROSITY, $\% = [(V - V_S)/V] \times 100$ n								
DEGREE OF SATURATION, % = [V _w / (V - V _S)] x 100		s						
VOLUME OF WAX = WEIGHT OF WAX = SPECIFIC GRAVITY OF WAX								
↑ IF NOT MEASURED DIRECTLY, MAY BE COMPUTED AS FOLLOWS: W =								
VOLUME OF WET SOIL AND WAX = (WEIGHT OF WET SOIL AND WAX AND WAX N AIR) - (WEIGHT OF WET SOIL AND WAX N WATER) DENSITY OF WATER AT TEST TEMPERATURE								
Rem	arks							
Technician			Computed by		Checked by			